

ABSTRACT OF THE DISCLOSURE

An imaging system of the present invention includes: a reflecting mirror having a geometry of one of two sheets of a two-sheeted hyperboloid; and an imaging section which includes an imaging device for receiving light concentrated by a lens having a center located in any position opposing the reflecting mirror on a rotation axis of the reflecting mirror, wherein the imaging system includes a correction section for performing coordinate transformation on captured image data obtained by capturing an image of a prescribed inspection drawing so as to produce a perspective transformed image data and for correcting distortion in the captured image based on a value regarding a distance between a lens position adapted for the coordinate transformation and a light-receiving surface of the imaging device.